



Portland–Hillsboro 3 data center



Supplying highly connected data center solutions in the Portland market, Hillsboro 3 provides 358,000 square feet and 36 MW of data center space. It features industry-leading cooling efficiencies and high-density capabilities with direct connection to several subsea cables, including Bifrost, New Cross Pacific, and Hawaiiki.

With the addition of Portland–Hillsboro 3 to the Flexential campus, the data center footprint is now nearly 700,000 sq. ft.

Strategically located within Hillsboro’s Enterprise Zone region, the Flexential Portland data centers provide customers with significant tax benefits in addition to Oregon’s zero percent statewide sales tax.

Portland-Hillsboro 3 is included in the Flexential data center campus cross-connect fiber ring, featuring nine Tier 1 carriers with underground fiber to all major U.S. cities, enabling nominal domestic latency. Flexential has completed a second campus cross-connect fiber ring, which connects 14 existing or planned data centers and provides access to seven transpacific submarine cable systems.

The Flexential Portland-Hillsboro 3 has direct access to the Flexential NAP of the Northwest facility that hosts three high capacity trans-Pacific cables: Bifrost, New Cross Pacific, and Hawaiiki which connect Hillsboro and Asia Pacific, including Hawaii, Australia, New Zealand, China, South Korea, Taiwan and Japan. Access to additional trans-Pacific subsea cable destinations are planned for the future.

Quick facts

- 358,000-square-foot data center footprint
- 36 MW critical power capacity
- 20 acres located within the Hillsboro Enterprise Zone
- Highest cooling efficiency design in the region
- High density capabilities
- Commitment to sustainability with a WUE of 0
- Industry leading PUE
- Located on the Flexential data center campus, the most interconnected campus in the NW, with subsea cable landings for direct connection to APAC

Additional features

- Migration and capacity planning
- Meeting room and dedicated work areas for customer use
- Office lease space available
- Remote hands support available
- Business continuity and disaster recovery services, solutions and support available
- Public, private, hybrid and compliant cloud solutions, as well as cloud recovery and dedicated servers, available
- Professional services including migration, security and risk management, assessments and audits, as well as performance and network architecture support, available

Facility specifications

Power and cooling

- Distributed redundant 4:3 UPS system
- Fault tolerant electrical and mechanical systems
- 36 MW critical load UPS capacity
- 1,500 W/sq. ft. power density
- N+2 cooling redundancy
- Hot- and cold-aisle configuration
- 100% power SLA
- Designed for 1.3 PUE

Compliance

- HITRUST CSF-compliant site
- PCI DSS-compliant site
- Annual, independent audits for SOC 1 Tier Type II, SOC 2 Type II, SOC 3; NIST 800-53; ITAR: SSAE 18
- HITRUST and PCI certification services available
- Regulatory and standards compliance assessment, analysis, consulting, and planning services available

24/7 security

- Physical environment, power delivery, generator and diesel fuel infrastructure monitoring
- Round-the-clock security and technical staff
- Dual-factor authentication access
- Biometric scanners
- Four-zone security access
- Monitored security cameras and intercom system
- Cage security cameras available

Connectivity

- One unified fabric offering on-demand provisioning of connectivity services
- Connections to strategic carrier hotels
- 400 Gbps network backbone
- Access to a rich ecosystem of carriers, service providers and cloud providers reachable from any data center
- IP transit service built on a blend of premium Tier 1 carriers and including basic DDoS scrubbing protection
- Point-to-point and mesh services available to connect Flexential data centers

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Flexential solutions portfolio



Colocation



Interconnection



Cloud



Data Protection



Professional Services